

# ARLINGTON National Cemetery

HONOR ★ REMEMBER ★ EXPLORE



## ANC Advisory Committee



## Engineering & Construction Update

25 Oct 2016

# Discussion Topics

- Recently Completed and Ongoing Projects
  - Millennium
  - Funeral Queuing Areas
  - Salt and Sand Storage Facility
  - Columbarium horizontal repairs
  - Tomb of Remembrance
  - Infrastructure
- Future/FY17 Projects
  - Tanner Amphitheater historical preservation
  - Ft Myer Gate historical preservation
  - Columbarium vertical repairs
  - Ord and Weiztel Gate Reconstruction
  - Infrastructure

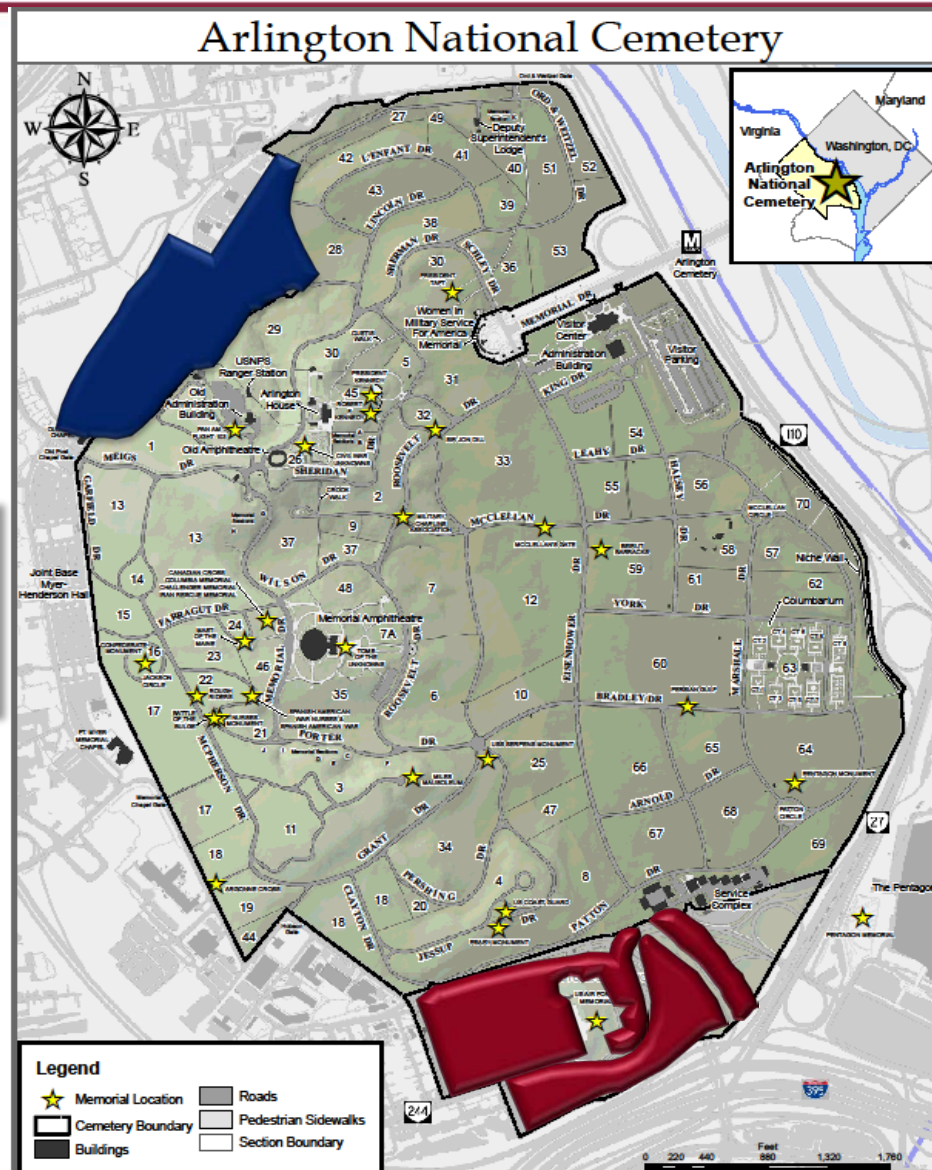
# Expanding Cemetery Capacity

- ❑ Projection in 2010 maintaining status quo
  - Run out of first interment space in 2020's

- ❑ Millennium Project (complete FY 16)
  - 27 acres
  - 27,282 burial opportunities
  - Extends capacity to mid 2030s



- ❑ Southern Expansion ( begin const ~ FY 18)
  - 37 - 40 acres
  - Extends capacity to ~2050s





# Millennium Project



## Highlights

- ☐ 91% complete
- ☐ Remains within budget
- ☐ Currently completing final Columbaria, bridge, sidewalks, roadway and landscaping
- ☐ Nov – major construction complete
- ☐ Jan – contract complete



# Funeral Procession Queuing Area



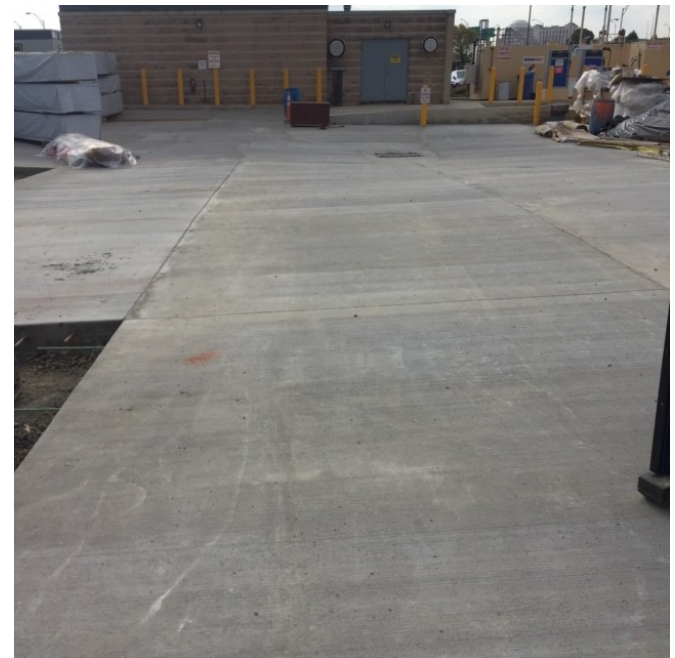
## Highlights

- ☐ 32% complete
- ☐ Phase 1 New Staff Lot –
  - ☐ Complete end of Oct
  - ☐ Use as interim queuing lot starting Nov 16
- ☐ Phase 2
  - ☐ Began 2A construction in early Oct
  - ☐ Begin 2B construction (current parking lot) early Nov
- ☐ May 2017: Current Contract Completion Date

# Salt, Sand Storage Facility

## Highlights

- ❑ 60% complete; well ahead of schedule
- ❑ Turn over paved area Dec 16
- ❑ Estimated completion Jan 17
- ❑ May 2017: Contract Completion Date

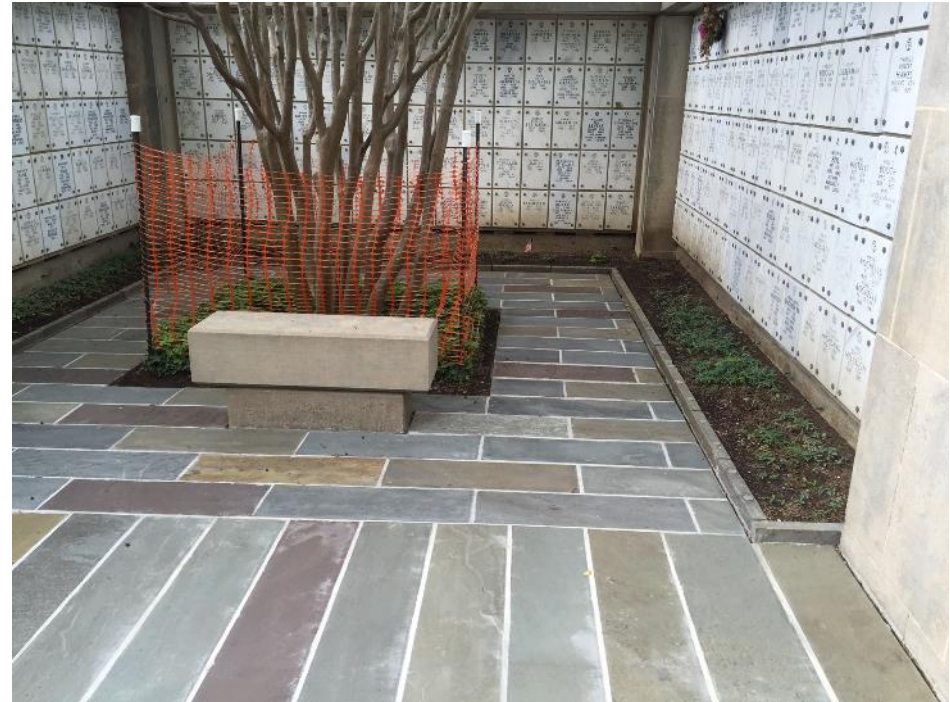




# Columbaria Flagstone

## Highlights

- ❑ Sep 2015: Construction Contract Award
- ❑ Sep 2017: Estimated Completion
- ❑ Replace Deteriorating Flagstone in Court 1, 2, 4, 5, 6 and Center Oval Courtyard





# Tomb of Remembrance



## Current Status

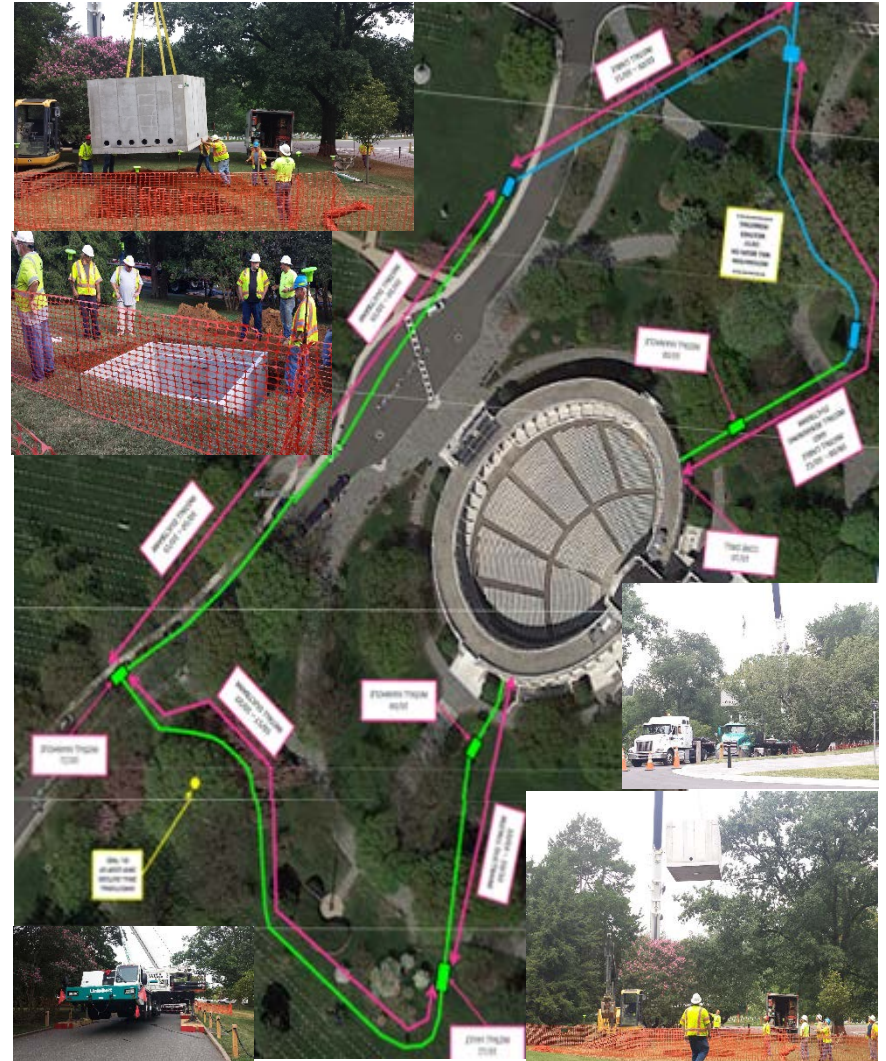
Pre-construction activities ongoing

Groundbreaking late Oct

Estimated Completion end of 2016



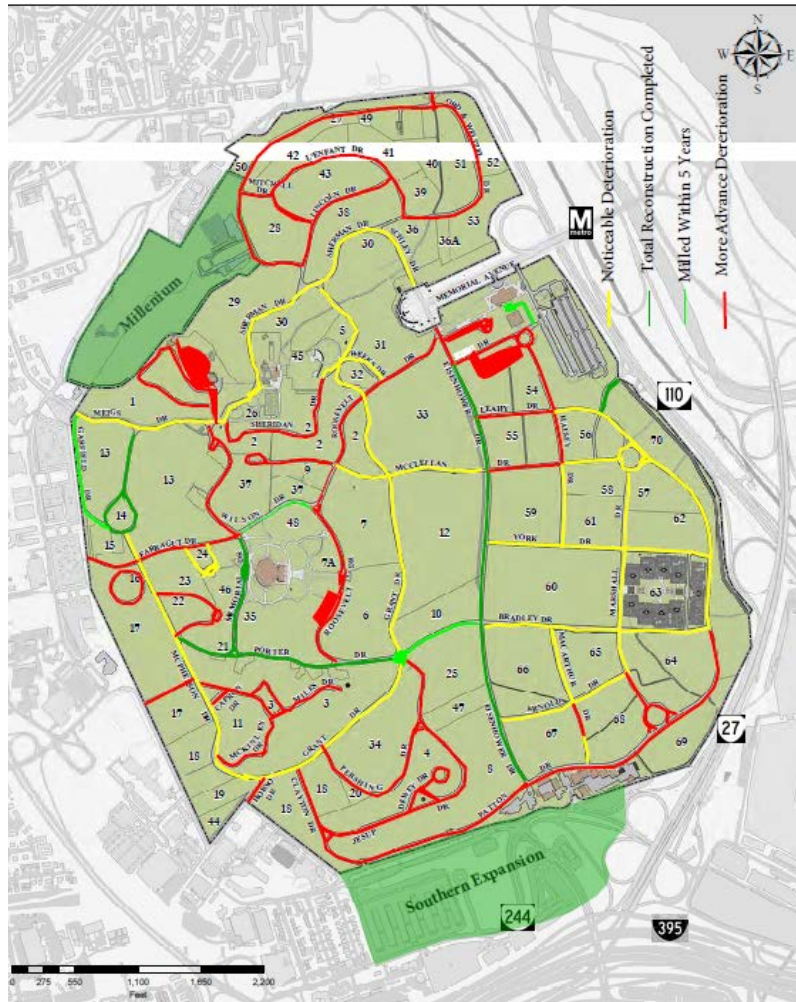
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- The aerial map displays the Sheldahl area, highlighting the Curtis Wastewater Treatment Plant and its associated infrastructure. Key features include:
- Curtis Wastewater Treatment Plant**: Located at the top left, with a large circular clarifier visible.
  - Sheldahl Creek**: A central water body flowing through the area.
  - Manhole 10/11**: Located near the center-right of the map.
  - Manhole 10/12**: Located near the bottom center of the map.
  - Manhole 10/13**: Located near the bottom right of the map.
  - Flow Paths**: Indicated by colored lines:
    - Blue Line**: Main flow path from the treatment plant through the creek.
    - Green Line**: Bypass route around the creek.
    - Pink Line**: Connection to the 1972-1989 Industrial Bank.
  - Inset Photo**: Shows three large industrial storage tanks (two blue, one green) located near the treatment plant.



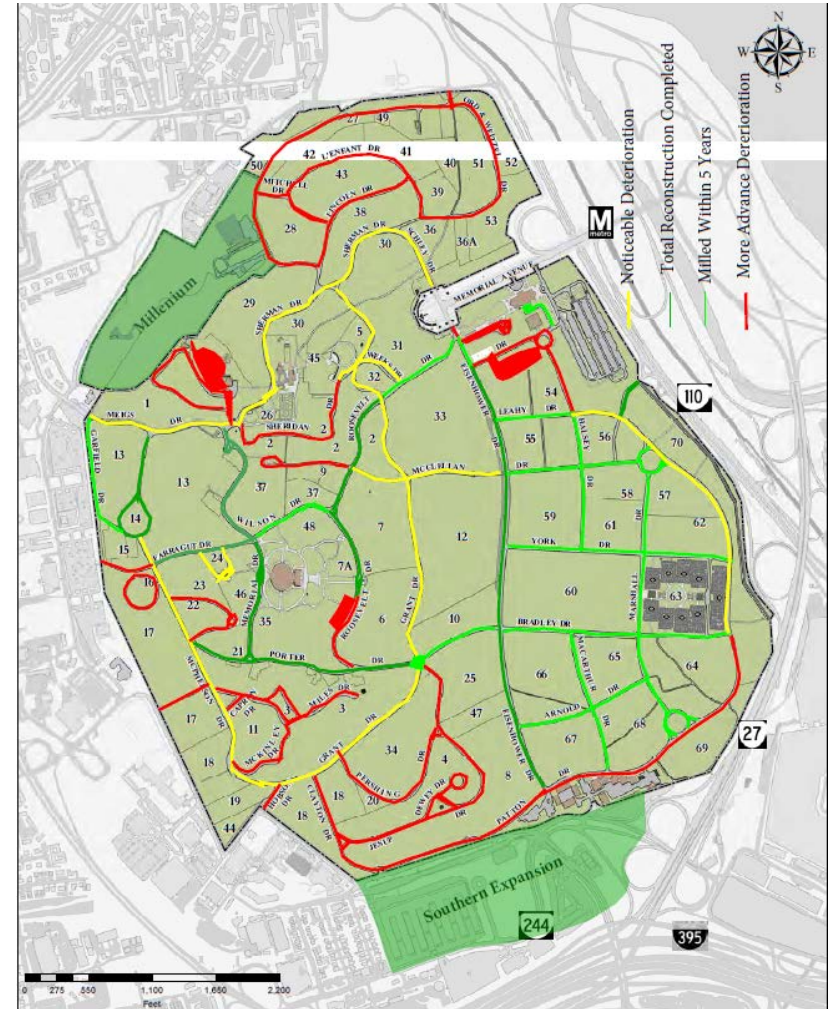


# Infrastructure - Roads

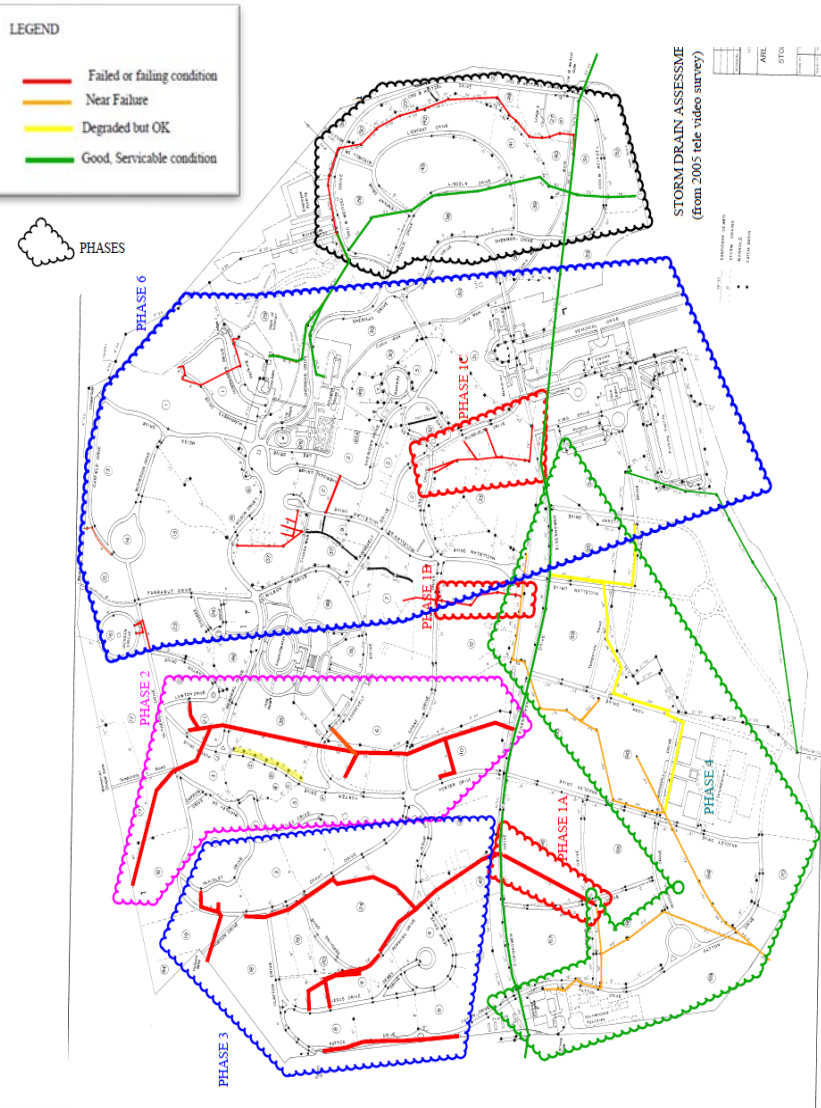
Jun 2015



Oct 2016







- ☐ Nearly complete Phases 1 & 2; Stone Bridge repairs after Veterans Day
- ☐ Phase 3 partially complete; de-scoping to coordinate with road work in area
- ☐ Slipped award for Phase 4 to FY18 (revised cost based on existing conditions found in Ph 1-3 )
- ☐ De-scoping Phases 5-6 to add to road projects
- ☐ Added Capital Improvement project in late FY16 to set future conditions for Admin Bldg renovation and Halsey Dr repair



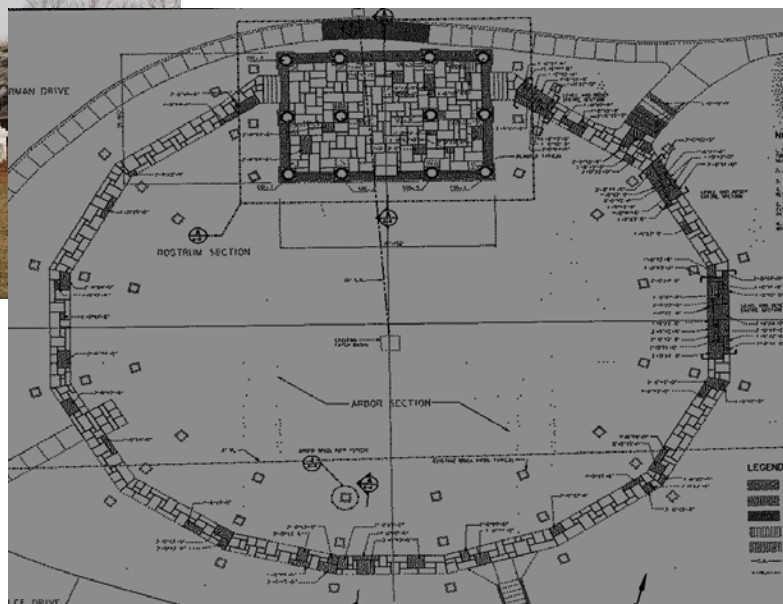
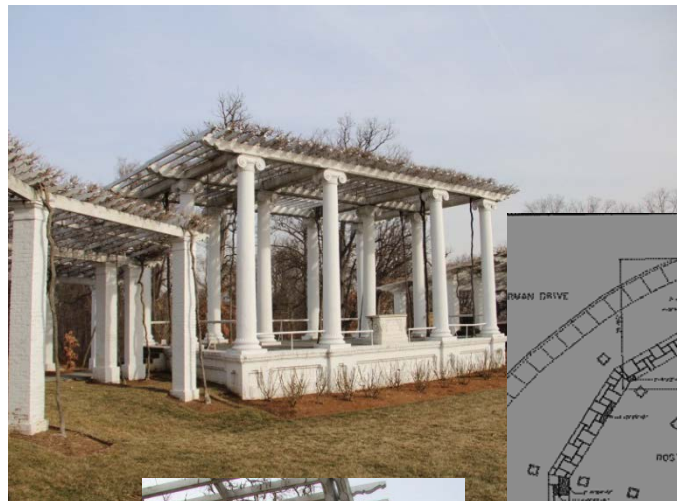
# Other Ongoing Projects

- ☐ Ord and Weitzel Road Repair Design
- ☐ Administration Building Designs



## Upcoming/FY17 Projects

# Historic Structures Preservation Program



## Tanner Amphitheater

- Execution Phase

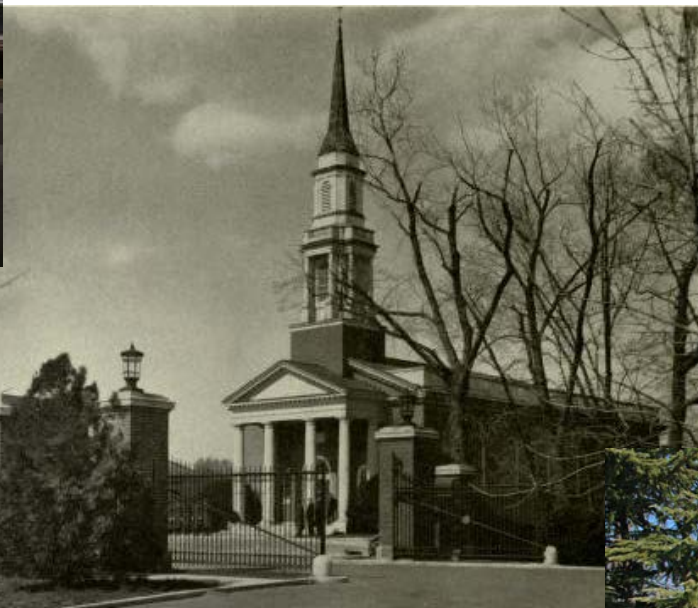




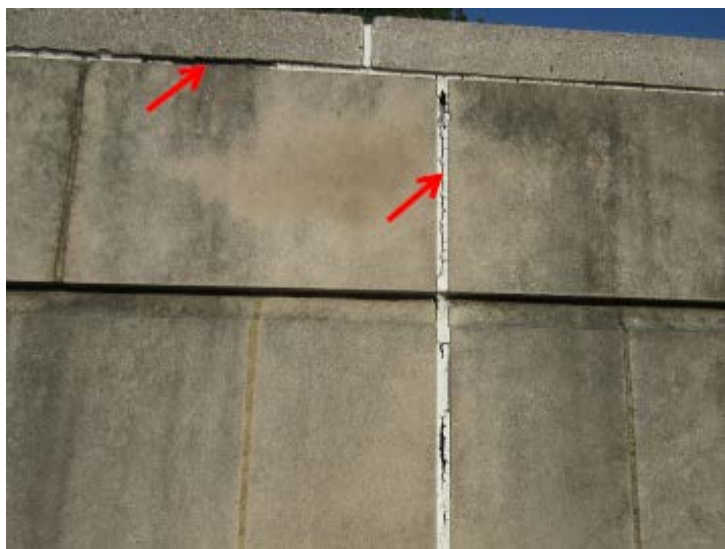
# Historic Structures Preservation Program

## Fort Myer Gate

- Execution Phase

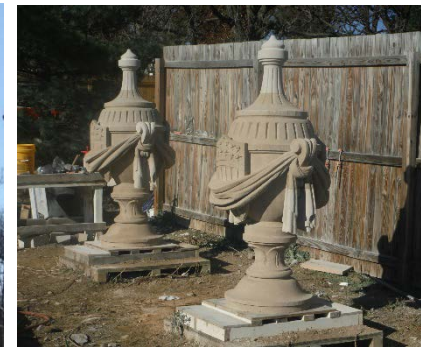


# Columbaria Vertical Repairs

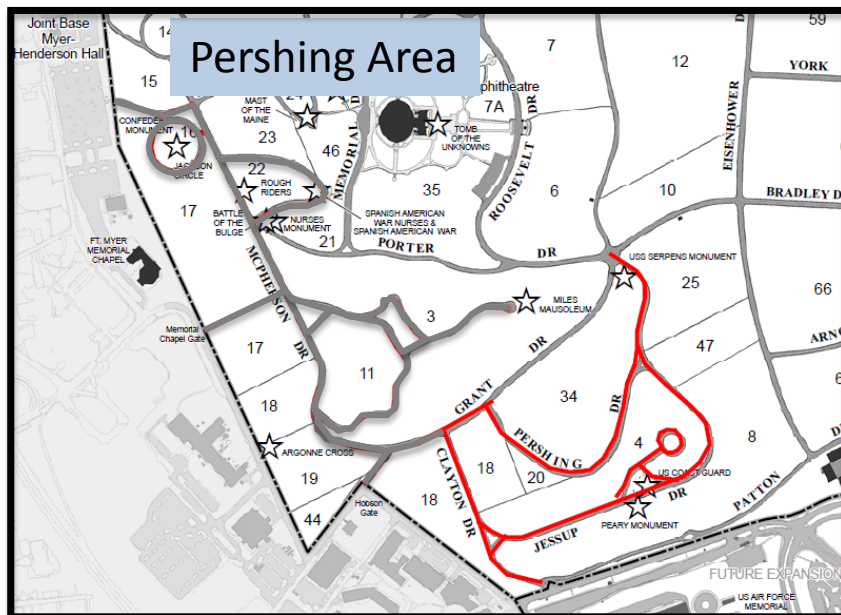
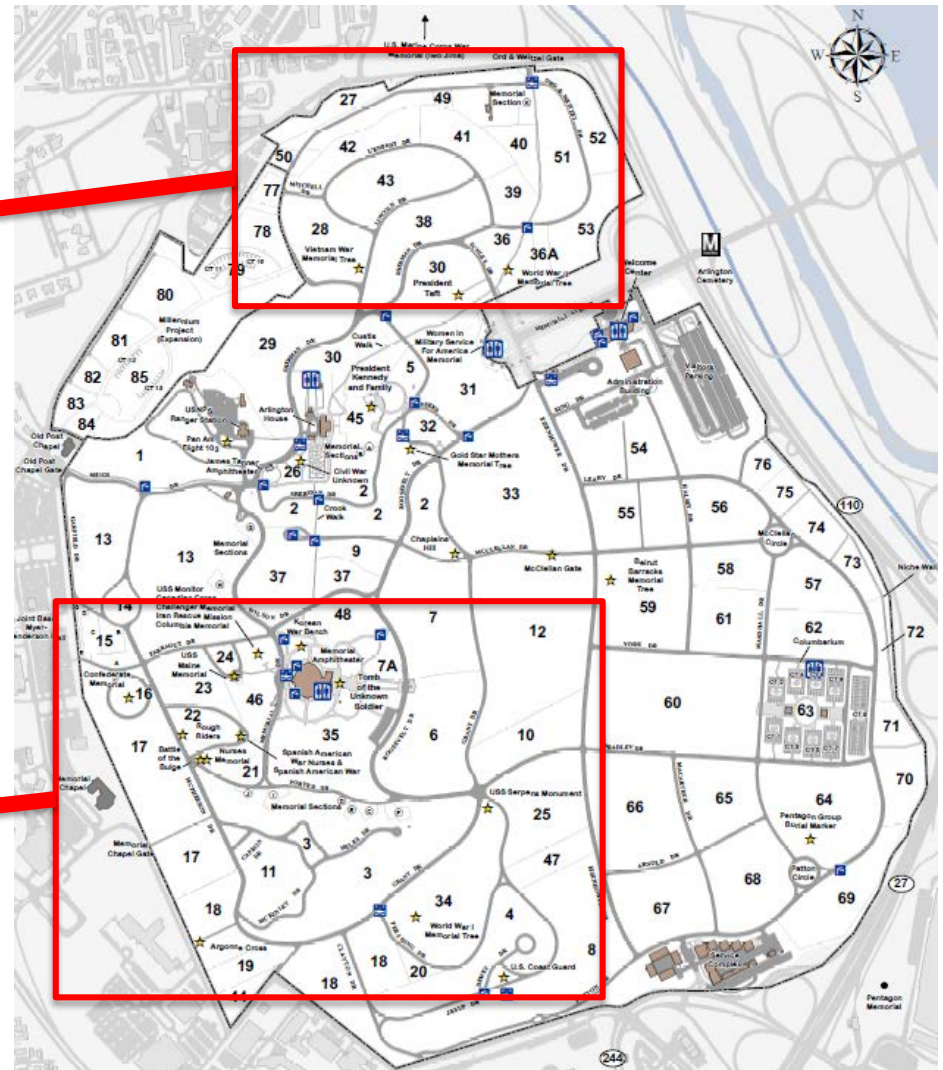




# Ord and Weitzel Gate Reconstruction

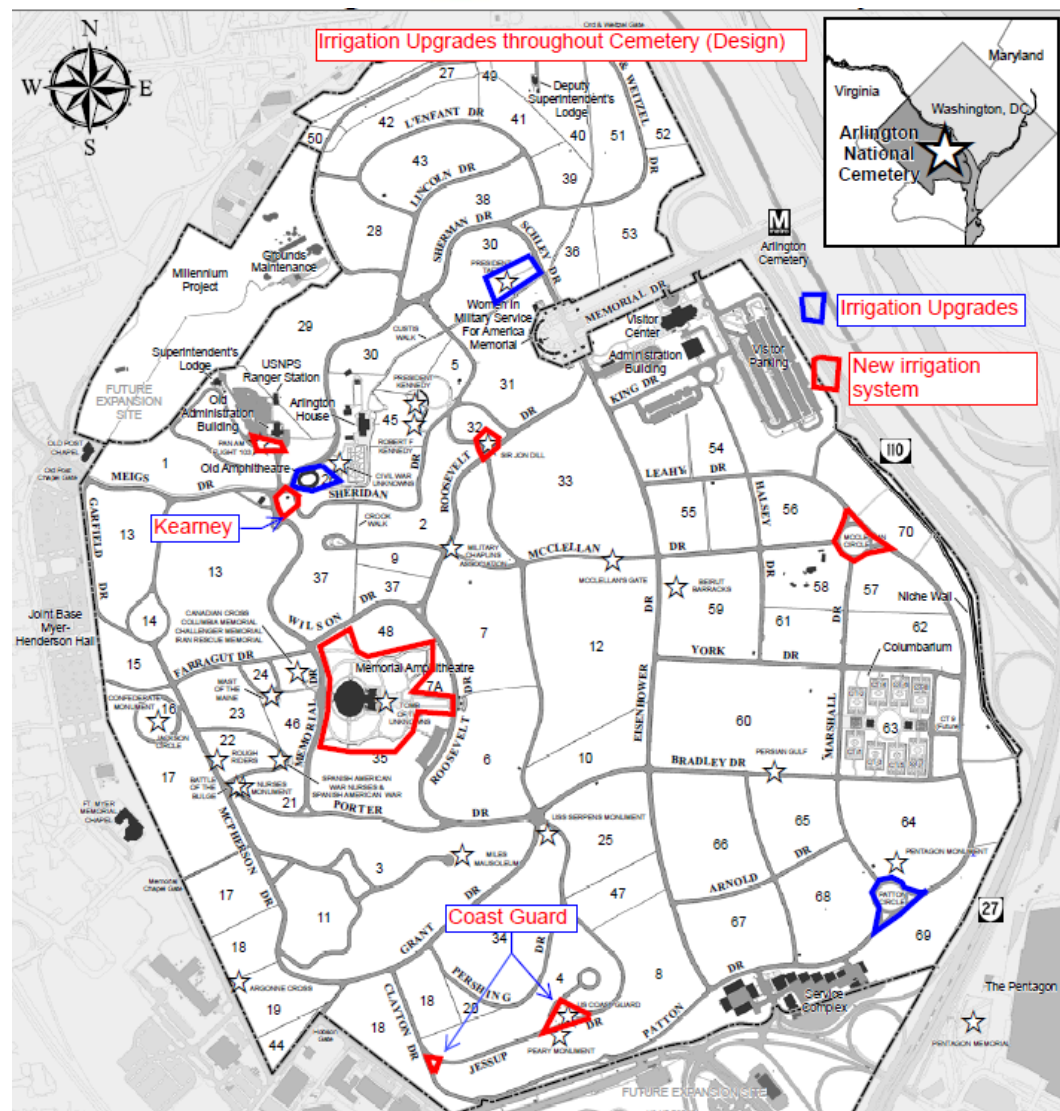








# Infrastructure – Irrigation Upgrades



- ☐ Contract awarded Sep 16
- ☐ Ongoing coordination with NPS, DVP and SHPO
- ☐ Anticipate mobilize Dec 16

- ☐ Chaffee Parking Lot Rebuild (across from Arlington House)
- ☐ JFK Granite Walkway Resurfacing
- ☐ Sanitary Sewer Survey
- ☐ Amphitheater Doors and Window Repairs
- ☐ Fountain Repairs (JFK and Roosevelt)
- ☐ Implement BUILDER and GFEBS systems for asset management and work orders



# Questions